

Enabling Performance & Interoperability In Public Safety Broadband Networks – The Role of Transport

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stick
together®

Partnering and Network Sharing Accelerate Deployment, Eases Costs for Public Safety

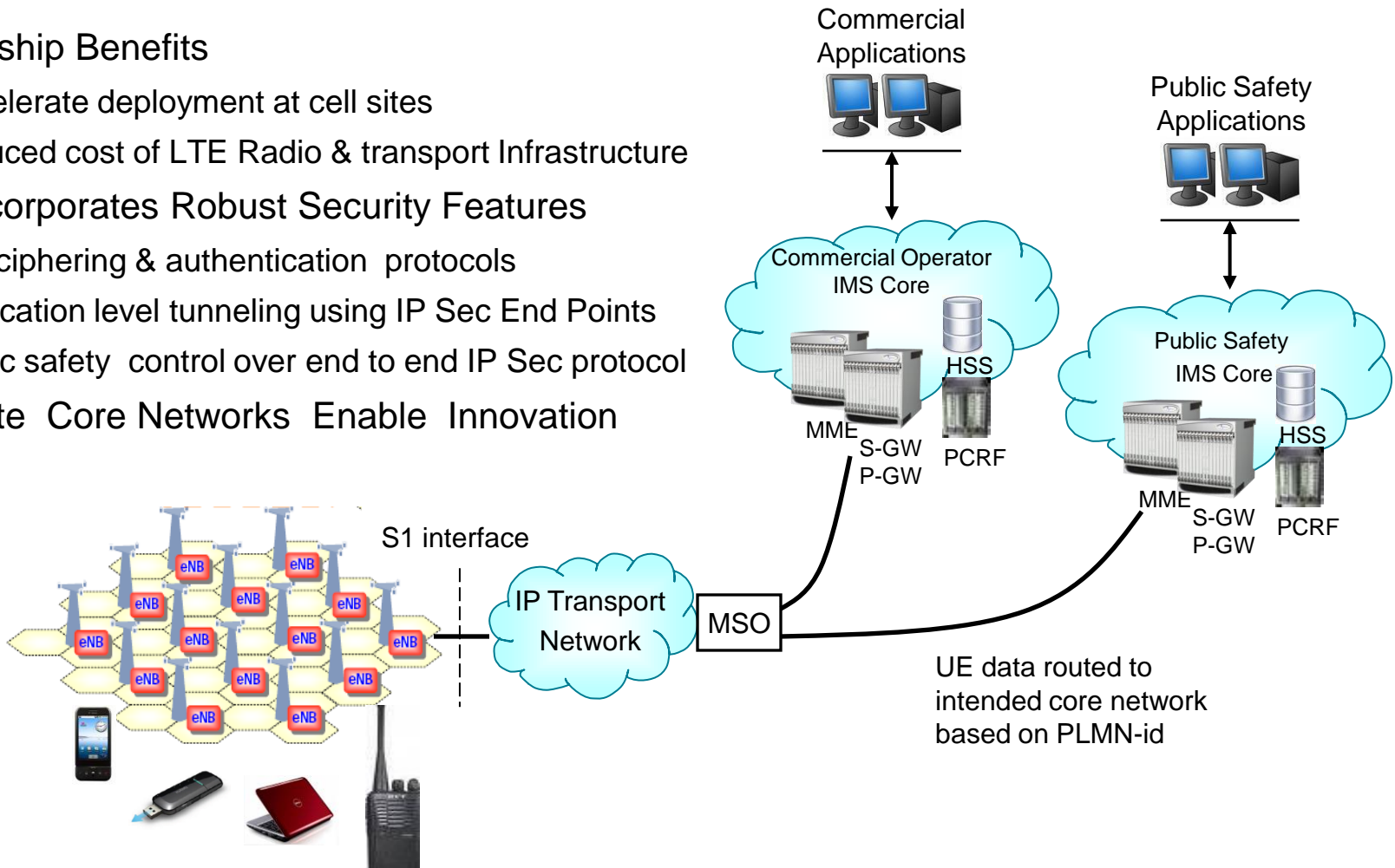
-Partnership Benefits

- Accelerate deployment at cell sites
- Reduced cost of LTE Radio & transport Infrastructure

-LTE Incorporates Robust Security Features

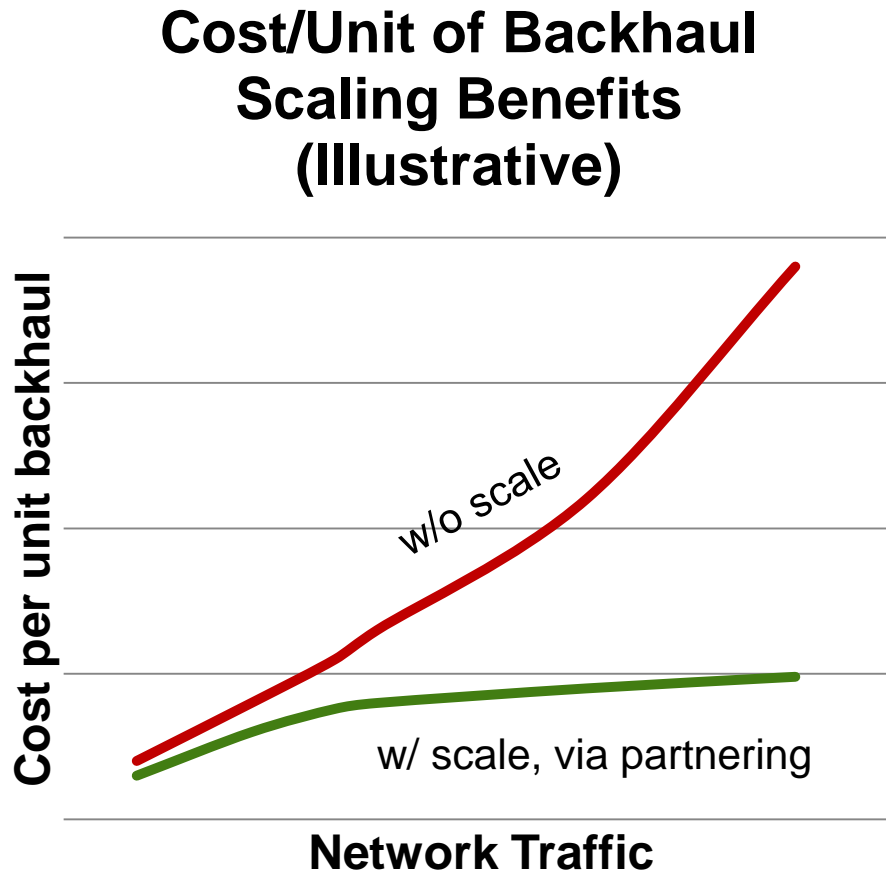
- LTE ciphering & authentication protocols
- Application level tunneling using IP Sec End Points
- Public safety control over end to end IP Sec protocol

-Separate Core Networks Enable Innovation



- Multiple PLMN-ids broadcast
- UE selects network based on PLMN-id

Without Scale, LTE Transport Costs Will Soar



- LTE drives massive bandwidth demands and escalates transport costs
- National inter-operability requires a national backbone, regional and local transport networks
- Scale enables per-unit bandwidth cost reductions
- Public safety can gain scale benefits via partnering and sharing infrastructure

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Thank you